



Maths Ignition 2010 (English)

Programme Details	
Organiser	: The Hong Kong Academy for Gifted Education (HKAGE)
Tutors	: International Mathematical Olympiad Hong Kong Committee (IMOHKC) (Mr Bobby Poon · Dr Koopa Koo · Mr Law Ka Ho & Mr CJ Lam)
Objectives	: The programme aims to <ul style="list-style-type: none">● widen students' horizons in mathematics through various mathematical explorations;● introduce common topics in mathematics competitions via investigation approach;● strengthen students' problem solving skills.
Content	: <ul style="list-style-type: none">● Mathematical explorations and investigations;● Construction of mathematical knowledge on the basis of junior secondary mathematics curriculum;● Bridging to the curriculum for International Mathematical Olympiad Training.
Course Code	: MAT2121
Level	: Introductory level
Duration	: 19 July to 11 August 2010
Time	: 2:00 – 5:00 pm
Venue	: E306, East Block, Kowloon Tong Education Services Centre, 19 Suffolk Road, Kowloon Tong
Target Participants	: <ul style="list-style-type: none">● S1 – S3 student members. Acceptance is on first-come-first-served basis● Priority will be given student members in Maths Domain who did not participate MAT2111
Capacity	: 40
MOI	: English with handouts in English
Application & Deadline	: Submit the completed application form 1) by mail: The HKAGE - SPS, E326, East Block, Kowloon Tong Education Services Centre, 19 Suffolk Road, Kowloon Tong OR 2) by fax (fax no. 2490 4730) <u>on or before Tue, 29 Jun 2010 to the HKAGE.</u>
Result Announcement	: Name list of successful applicants will be posted to the HKAGE's website www.hkage.org.hk <u>on Thu, 8 Jul 2010.</u> No further notification will be made.
Award	: Participants who able to achieve an attendance rate of <u>not less than 7 lessons</u> with satisfactory performance will award a certificate of completion.
Enquires	: Please contact Project Officer, Ms Shirley Kwok on 3698 3502.

The course details are as follows:

Date	Topics	Trainers
19 July 2010 (Mon)	Pattern Observation	Law Ka Ho
21 July 2010 (Wed)	Geometric Locus	Poon Wai Hoi Bobby
26 July 2010 (Mon)	Combinatorics	Law Ka Ho
28 July 2010 (Wed)	Divisibility and Euclidean Algorithm	C J Lam
2 August 2010 (Mon)	Continued Fractions	C J Lam
4 August 2010 (Wed)	Modulo Arithmetic	Koopaa
9 August 2010 (Mon)	Solving Triangles	Poon Wai Hoi Bobby
11 August 2010 (Wed)	Ideas of Calculus	Koopaa